

365-76

11/10/2012

1/18



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Troy Chemical Corporation  
8 Vreeland Road  
Florham Park, NJ 07932

NOV 10 2012

Attention: Adrian Krygsman  
Regulatory Affairs Manager

Subject: Grotan  
EPA Registration No. 365-76  
Amendment Letter dated July 12, 2012

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

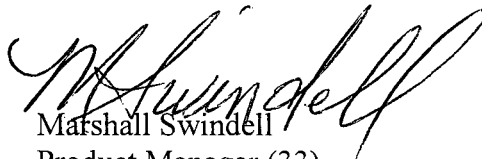
Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the accepted labeling is enclosed. Submit three copies of your final printed labeling to the Agency before distributing or selling the product bearing the revised labeling.

If you have any questions concerning this letter, please contact Zebora Johnson at (703) 308-7080.

Sincerely,

  
Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

# GROTAN

**Bactericide** for the Preservation of Adhesives, Construction products-  
Cementitious and Polymeric Admixtures, Drilling additives, Metal Cutting  
Fluids and Coolants, Joint Cements, Resin Emulsions and Pigment  
Dispersions for Non-Paint Use.

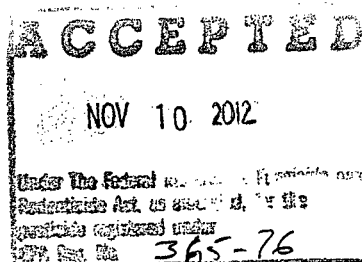
## MASTER LABEL

Sub-label A: MWF Fluid, Material Preservative Use

Sub-label B: Drilling Additive Use

Sub-Label C: Fuel Additive Use

Sub-Label D: Bulk Container/Refillable Container Use



ACTIVE INGREDIENT:.....	% Weight
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine.....	78.5%
INERT INGREDIENTS .....	21.5%
TOTAL	100.0

EPA Reg. No. 365-76  
EPA Establishment Number 5383-XXX

## DANGER

**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY:**

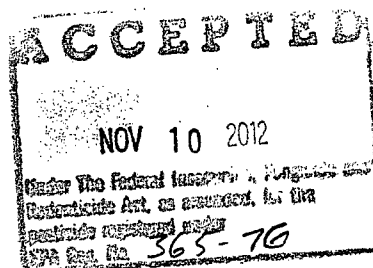
**CALL 1-800-424-9300**

**Troy Chemical Company Limited**  
242 Applewood Crescent, Unit 14  
Concord, Ontario L4K 4E5 Canada  
1-800-461-9364

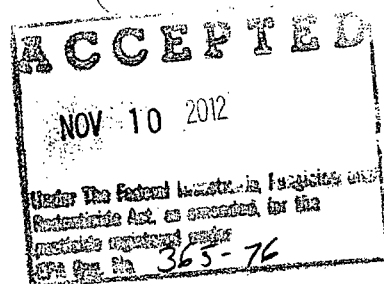
**Net Weight:**

**MADE IN CANADA**

GROTAN  
SUB-LABEL A  
METALWORKING FLUIDS/MATERIAL PRESERVATIVE USE



4/18



# GROTAN

***Bactericide*** for the Preservation of Adhesives, Metal Cutting Fluids and Coolants, Construction products-Cementitious and Polymeric Admixtures, Joint Cements, Resin Emulsions and Pigment Dispersions for Non-Paint Use.

ACTIVE INGREDIENT:.....	% Weight
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine.....	78.5%
INERT INGREDIENTS .....	21.5%
TOTAL	100.0

EPA Reg. No.	365-76
EPA Establishment Number	5383-XXX

## DANGER

**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY:  
CALL 1-800-424-9300**

**Troy Chemical Company Limited**  
242 Applewood Crescent, Unit 14  
Concord, Ontario L4K 4E5 Canada  
1-800-461-9364

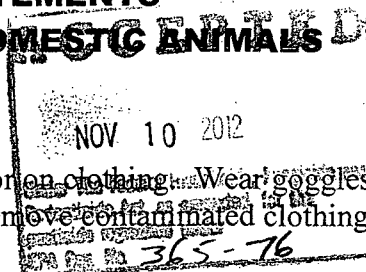
**Net Weight:**

**MADE IN CANADA**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.



<b>FIRST AID</b>	
<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN OR CLOTHING:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF SWALLOWED:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>IF INHALED:</b>	Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## SOLUBLE EMULSION, SYNTHETIC AND SEMI-SYNTHETIC CUTTING FLUIDS AND COOLANTS

**GROTAN should be used at a dilution of 0.15%.**

For best results, drain and clean the system before adding fresh cutting fluid. Add 0.15% of GROTAN to the use dilution (1.2 pints per 100 gallons of diluted cutting fluid). 0.15% of GROTAN should be added to the use dilution of the make-up fluid. To inhibit the growth of bacteria and fungi in metalworking, cutting fluids, cooling, and lubricating fluids add GROTAN to the metalworking concentrate that will result in a 0.15% concentration. For example add 3% GROTAN to a metalworking fluid concentrate that will be diluted to 5% in water for use.

For all other uses (Adhesives, Construction products-cementitious and polymeric admixtures, drilling additives, joint cements, pigment dispersions, asphalt emulsions and resin emulsions for non-residential use) use levels from 0.1-0.3% based on the total weight of the formulation. Grotan should be added to the latter phase of the manufacturing process. It should not be exposed to temperatures exceeding 125°F (52 °C) for prolonged periods of time. Further it is not suitable for systems with a pH below 7. Grotan may also be used to control microbial growth at the air-water interface of paint manufacturing raw material storage tanks. A 1.0% aqueous solution of Grotan may be sprayed over the surface. Care should be taken to avoid removal of this interface in paint production. NOTE: May cause discoloration. Color stability in systems should be checked before use.

### STORAGE AND DISPOSAL

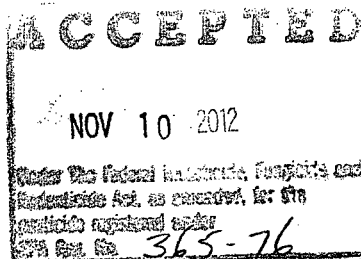
Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container.

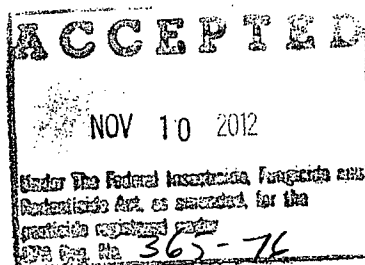
**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container: Do not reuse or refill this container.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



GROTAN  
SUB-LABEL B  
DRILLING ADDITIVE USE



# GROTAN

*Bactericide for Drilling Additives*

ACTIVE INGREDIENT:.....	% Weight
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine.....	78.5%
INERT INGREDIENTS .....	21.5%
TOTAL	100.0

EPA Reg. No.	365-76
EPA Establishment Number	5383-XXX

**DANGER**

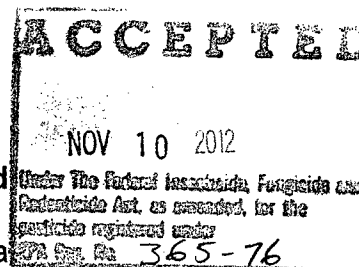
**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY:  
CALL 1-800-424-9300**

**Troy Chemical Company Limited**  
242 Applewood Crescent, Unit 14  
Concord, Ontario L4K 4E5 Canada  
1-800-461-9364



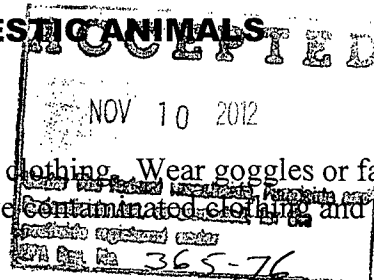
**Net Weight:**

**MADE IN CANADA**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.



**FIRST AID**

<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN OR CLOTHING:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF SWALLOWED:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>IF INHALED:</b>	Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**Oilfield Systems**

For controlling aerobic slime-forming bacteria (*Pseudomonas* sp.) or iron-oxidizing bacteria (*Gallionella* sp.) and anaerobic sulfate-reducing bacteria (*Desulfovibrio desulfuricans*) in oilfield water systems, such as subsurface injection water, add 5-150 ppm Grotan depending on the severity of the contamination. Additions should be made with a metering pump at the free water knockouts before or after the injection pumps and injection well headers.

**Continuous-feed method:** If this system is noticeably fouled, add 20-150 ppm Grotan (1.7-12.8 gal per 2000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 5-150 ppm Grotan (0.43-12.8 gal. per 2000 barrels of water) continuously as needed for control.

**Intermittent or slug method:** If the system is noticeably fouled or to maintain control of the system, add 20-150 ppm Grotan (1.7-12.8 gal. per 2000 barrels of water) intermittently for 2-8 hours per day on from 1-4 days per week, depending on the severity of the contamination.

### **Preserving Drilling Muds and Workover and Completion Fluids**

Determine the volume of Grotan necessary to provide a concentration of 500-1000 ppm by weight of Grotan in the drilling mud system, workover and completion fluid. For example, 21-42 gallons of Grotan per each 1000 barrels of drilling mud provides this concentration. As the system circulates, add Grotan in a thin stream. Add additional Grotan to the system to maintain the proper concentration as the total volume of the system increases.

**NOTE:** May cause discoloration. Color stability in systems should be checked before use.

### **STORAGE AND DISPOSAL**

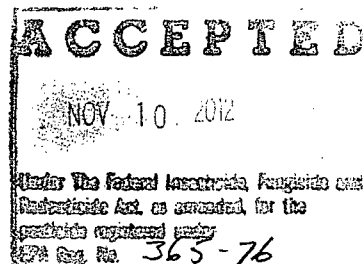
Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container.

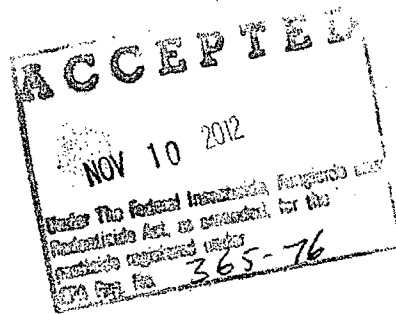
**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container: Do not reuse or refill this container.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



GROTAN  
SUB-LABEL C  
FUEL ADDITIVE USE



# GROTAN

Bactericide for Fuel Additives

ACTIVE INGREDIENT:.....	% Weight
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine.....	78.5%
INERT INGREDIENTS .....	<u>21.5%</u>
TOTAL	100.0

EPA Reg. No.	365-76
EPA Establishment Number	5383-XXX

## DANGER

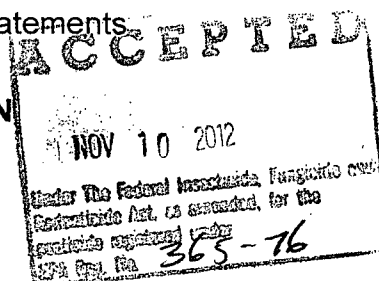
SOLD FOR INDUSTRIAL USE

See Side Panel for Additional Precautionary Statements

KEEP OUT OF REACH OF CHILDREN

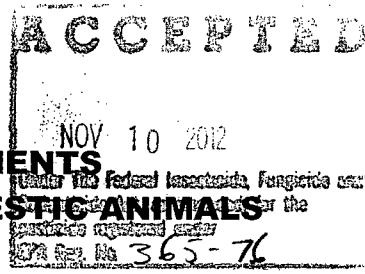
IN CASE OF EMERGENCY:  
CALL 1-800-424-9300

Troy Chemical Company Limited  
242 Applewood Crescent, Unit 14  
Concord, Ontario L4K 4E5 Canada  
1-800-461-9364



Net Weight:

MADE IN CANADA



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN OR CLOTHING:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF SWALLOWED:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>IF INHALED:</b>	Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN:</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**BACTERIAL CONTROL ASSOCIATED WITH FREE AND DISPERSED WATER  
COMMONLY FOUND IN FUEL SYSTEMS:**

Add this product to fuel tanks to control microbial growth in diesel oil, fuel oil, gasoline or kerosene fuel systems. Treatment may be achieved by slug dosing or intermittent metering to provide the proper concentration of this product.

If the volume of water is known, add 0.5-1.5 gallons of this product to each 1,000 gallons of water to achieve concentrations of 500-1000 ppm in the water phase. If the volume of water is unknown add 20 ounces-1 gallon of this product to each 1000 gallons of fuel to achieve concentrations ranging between 150-1000 ppm.

Concentrations of 150-500 ppm of Grotan are appropriate for preventive treatment.

Concentrations of 1000-1500 ppm are appropriate for curative treatment. Since microbes tend to grow within biofilm communities, two or more curative treatments introduced at one-two day intervals may be required to treat heavily contaminated fuel tanks successfully. Since this product is not particularly hydrocarbon soluble there is no adverse effect if some excess accumulates in tank bottoms. It will function as a corrosion inhibitor at higher concentrations.

**STORAGE AND DISPOSAL**

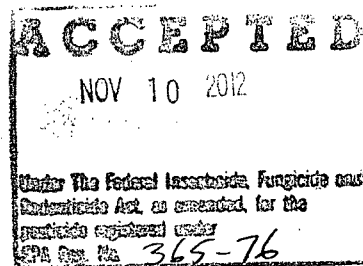
Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

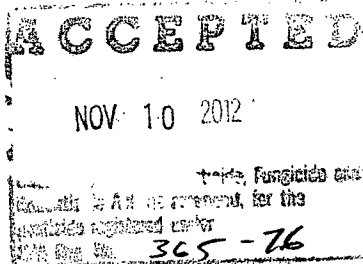
**CONTAINER HANDLING:** Nonrefillable container: Do not reuse or refill this container.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



15/18

**GROTAN  
SUB-LABEL D  
METALWORKING FLUIDS/MATERIAL PRESERVATIVE USE  
Bulk/Refillable Container Use  
(40-45,000 lb. semi-containers)**



# GROTAN

**A Bactericide for the Preservation of Adhesives, Construction products-  
Cementitious and Polymeric Admixtures, Metal Cutting Fluids and Coolants,  
Joint Cements, Resin Emulsions and Pigment Dispersions for Non-Paint  
Use.**

ACTIVE INGREDIENT:.....	% Weight
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine.....	78.5%
INERT INGREDIENTS .....	<u>21.5%</u>
TOTAL	100.0

EPA Reg. No.	365-76
EPA Establishment Number	5383-XXX

## DANGER

**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

**IN CASE OF EMERGENCY:**  
**CALL 1-800-424-9300**  
 NOV 10 2002  
**Troy Chemical Company Limited**  
 242 Applewood Crescent, Unit 14  
 Concord, Ontario L4K 4E6, Canada  
 1-800-461-9364 365-76

**Net Weight:**

**MADE IN CANADA**

17/18

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

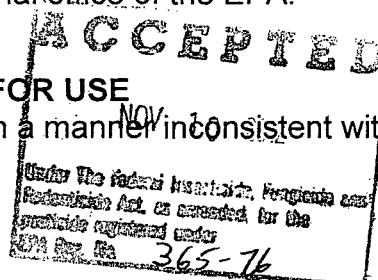
FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
IF INHALED:	Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN:	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.



## SOLUBLE EMULSION, SYNTHETIC AND SEMI-SYNTHETIC CUTTING FLUIDS AND COOLANTS

**GROTAN should be used at a dilution of 0.15%.**

For best results, drain and clean the system before adding fresh cutting fluid. Add 0.15% of GROTAN to the use dilution (1.2 pints per 100 gallons of diluted cutting fluid). 0.15% of GROTAN should be added to the use dilution of the make-up fluid. To inhibit the growth of bacteria and fungi in metalworking, cutting fluids, cooling, and lubricating fluids add GROTAN to the metalworking concentrate that will result in a 0.15% concentration. For example add 3% GROTAN to a metalworking fluid concentrate that will be diluted to 5% in water for use.

For all other uses (Adhesives, Construction products-cementitious and polymeric admixtures, drilling additives, joint cements, pigment dispersions, asphalt emulsions and resin emulsions for non-residential use) use levels from 0.1-0.3% based on the total weight of the formulation. Grotan should be added to the latter phase of the manufacturing process. It should not be exposed to temperatures exceeding 125°F (52 °C) for prolonged periods of time. Further it is not suitable for systems with a pH below 7. Grotan may also be used to control microbial growth at the air-water interface of paint manufacturing raw material storage tanks. A 1.0% aqueous solution of Grotan may be sprayed over the surface. Care should be taken to avoid removal of this interface in paint production. NOTE: May cause discoloration. Color stability in systems should be checked before use.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Refillable container. Refill with pesticide only. Refill with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Use standard industry practices for cleaning bulk containers or contact the registrant (Troy ) for more information.

AK07/12/2012.2

